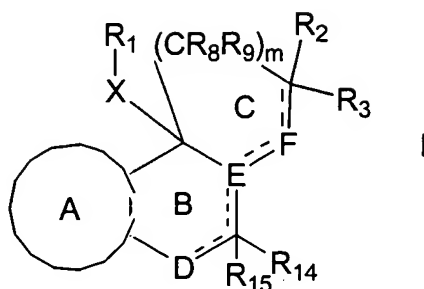


CLAIMS

1. A compound of formula I



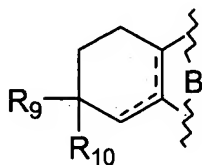
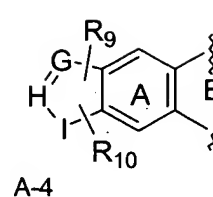
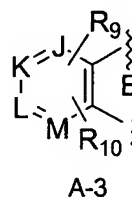
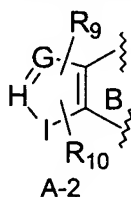
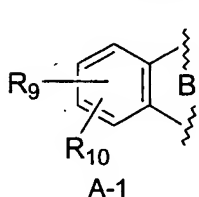
5

an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug; wherein m is 1 or 2;

--- represents an optional bond;

10

A is selected from the group consisting of



and

15

D is CR₇, CR₇R₁₆, N, NR₇ or O;

E is C, CR₈ or N;

F is CR₄, CR₄R₅ or O;

G, H and I together with 2 carbon atoms from the A-ring or 2 carbon atoms from the B-ring form a 5-membered heterocyclic ring comprising one or more N, O or

20

S atoms; provided that there is at most one of O and S per ring;

J, K, L and M together with 2 carbon atoms from the B-ring forms a 6-membered heterocyclic ring comprising 1 or more N atoms;

X is a) absent, b) $-\text{CH}_2-$, c) $-\text{CH}(\text{OH})-$ or d) $-\text{C}(\text{O})-$;

- R_1 is a) $-\text{H}$, b) $-\text{Z}-\text{CF}_3$, c) $-(\text{C}_1-\text{C}_6)\text{alkyl}$, d) $-(\text{C}_2-\text{C}_6)\text{alkenyl}$, e) $-(\text{C}_2-\text{C}_6)\text{alkynyl}$,
f) $-\text{CHO}$, g) $-\text{CH}=\text{N}-\text{OR}_{12}$, h) $-\text{Z}-\text{C}(\text{O})\text{OR}_{12}$, i) $-\text{Z}-\text{C}(\text{O})-\text{NR}_{12}\text{R}_{13}$, j) $-\text{Z}-\text{C}(\text{O})-\text{NR}_{12}-\text{Z}-\text{het}$,
k) $-\text{Z}-\text{NR}_{12}\text{R}_{13}$, l) $-\text{Z}-\text{NR}_{12}\text{het}$, m) $-\text{Z}-\text{het}$, n) $-\text{Z}-\text{O}-\text{het}$, o) $-\text{Z}-\text{aryl}'$, p) $-\text{Z}-\text{O}-\text{aryl}'$, q)
5 $-\text{CHOH}-\text{aryl}'$ or r) $-\text{C}(\text{O})-\text{aryl}'$ wherein aryl' in substituents o) to r) is substituted
independently with 0, 1 or 2 of the following: $-\text{Z}-\text{OH}$, $-\text{Z}-\text{NR}_{12}\text{R}_{13}$, $-\text{Z}-\text{NR}_{12}-\text{het}$,
 $-\text{C}(\text{O})\text{NR}_{12}\text{R}_{13}$, $-\text{C}(\text{O})\text{O}(\text{C}_1-\text{C}_6)\text{alkyl}$, $-\text{C}(\text{O})\text{OH}$, $-\text{C}(\text{O})-\text{het}$, $-\text{NR}_{12}-\text{C}(\text{O})-(\text{C}_1-\text{C}_6)\text{alkyl}$,
 $-\text{NR}_{12}-\text{C}(\text{O})-(\text{C}_2-\text{C}_6)\text{alkenyl}$, $-\text{NR}_{12}-\text{C}(\text{O})-(\text{C}_2-\text{C}_6)\text{alkynyl}$, $-\text{NR}_{12}-\text{C}(\text{O})-\text{Z}-\text{het}$, $-\text{CN}$,
 $-\text{Z}-\text{het}$, $-\text{O}-(\text{C}_1-\text{C}_3)\text{alkyl}-\text{C}(\text{O})-\text{NR}_{12}\text{R}_{13}$, $-\text{O}-(\text{C}_1-\text{C}_3)\text{alkyl}-\text{C}(\text{O})\text{O}(\text{C}_1-\text{C}_6)\text{alkyl}$,
10 $-\text{NR}_{12}-\text{Z}-\text{C}(\text{O})\text{O}(\text{C}_1-\text{C}_6)\text{alkyl}$, $-\text{N}(\text{Z}-\text{C}(\text{O})\text{O}(\text{C}_1-\text{C}_6)\text{alkyl})_2$, $-\text{NR}_{12}-\text{Z}-\text{C}(\text{O})-\text{NR}_{12}\text{R}_{13}$,
 $-\text{Z}-\text{NR}_{12}-\text{SO}_2-\text{R}_{13}$, $-\text{NR}_{12}-\text{SO}_2-\text{het}$, $-\text{C}(\text{O})\text{H}$, $-\text{Z}-\text{NR}_{12}-\text{Z}-\text{O}(\text{C}_1-\text{C}_6)\text{alkyl}$,
 $-\text{Z}-\text{NR}_{12}-\text{Z}-\text{NR}_{12}\text{R}_{13}$, $-\text{Z}-\text{NR}_{12}-(\text{C}_3-\text{C}_6)\text{cycloalkyl}$, $-\text{Z}-\text{N}(\text{Z}-\text{O}(\text{C}_1-\text{C}_6)\text{alkyl})_2$, $-\text{SO}_2\text{R}_{12}$,
 $-\text{SOR}_{12}$, $-\text{SR}_{12}$, $-\text{SO}_2\text{NR}_{12}\text{R}_{13}$, $-\text{O}-\text{C}(\text{O})-(\text{C}_1-\text{C}_4)\text{alkyl}$, $-\text{O}-\text{SO}_2-(\text{C}_1-\text{C}_4)\text{alkyl}$, $-\text{halo}$ or
 $-\text{CF}_3$;

- 15 Z for each occurrence is independently a) $-(\text{C}_0-\text{C}_6)\text{alkyl}$, b) $-(\text{C}_2-\text{C}_6)\text{alkenyl}$ or
c) $-(\text{C}_2-\text{C}_6)\text{alkynyl}$;

- R_2 is a) $-\text{H}$, b) $-\text{halo}$, c) $-\text{OH}$, d) $-(\text{C}_1-\text{C}_6)\text{alkyl}$ substituted with 0 or 1 $-\text{OH}$, e)
 $-\text{NR}_{12}\text{R}_{13}$, f) $-\text{Z}-\text{C}(\text{O})\text{O}(\text{C}_1-\text{C}_6)\text{alkyl}$, g) $-\text{Z}-\text{C}(\text{O})\text{NR}_{12}\text{R}_{13}$, h) $-\text{O}-(\text{C}_1-\text{C}_6)\text{alkyl}$, i)
 $-\text{Z}-\text{O}-\text{C}(\text{O})-(\text{C}_1-\text{C}_6)\text{alkyl}$, j) $-\text{Z}-\text{O}-(\text{C}_1-\text{C}_3)\text{alkyl}-\text{C}(\text{O})-\text{NR}_{12}\text{R}_{13}$, k)
20 $-\text{Z}-\text{O}-(\text{C}_1-\text{C}_3)\text{alkyl}-\text{C}(\text{O})-\text{O}(\text{C}_1-\text{C}_6)\text{alkyl}$, l) $-\text{O}-(\text{C}_2-\text{C}_6)\text{alkenyl}$, m) $-\text{O}-(\text{C}_2-\text{C}_6)\text{alkynyl}$, n)
 $-\text{O}-\text{Z}-\text{het}$, o) $-\text{COOH}$, p) $-\text{C}(\text{OH})\text{R}_{12}\text{R}_{13}$ or q) $-\text{Z}-\text{CN}$;

- R_3 is a) $-\text{H}$, b) $-(\text{C}_1-\text{C}_{10})\text{alkyl}$ wherein 1 or 2 carbon atoms, other than the
connecting carbon atom, may optionally be replaced with 1 or 2 heteroatoms
independently selected from S, O and N and wherein each carbon atom is substituted
25 with 0, 1 or 2 R_y , c) $-(\text{C}_2-\text{C}_{10})\text{alkenyl}$ substituted with 0, 1 or 2 R_y , d) $-(\text{C}_2-\text{C}_{10})\text{alkynyl}$
wherein 1 carbon atom, other than the connecting carbon atom, may optionally be
replaced with 1 oxygen atom and wherein each carbon atom is substituted with 0, 1
or 2 R_y , e) $-\text{CH}=\text{C}=\text{CH}_2$, f) $-\text{CN}$, g) $-(\text{C}_3-\text{C}_6)\text{cycloalkyl}$, h) $-\text{Z}-\text{aryl}$, i) $-\text{Z}-\text{het}$, j)
 $-\text{C}(\text{O})\text{O}(\text{C}_1-\text{C}_6)\text{alkyl}$, k) $-\text{O}(\text{C}_1-\text{C}_6)\text{alkyl}$, l) $-\text{Z}-\text{S}-\text{R}_{12}$, m) $-\text{Z}-\text{S}(\text{O})-\text{R}_{12}$, n) $-\text{Z}-\text{S}(\text{O})_2-\text{R}_{12}$, o)
30 $-\text{CF}_3$ p) $-\text{NR}_{12}\text{O}-(\text{C}_1-\text{C}_6)\text{alkyl}$ or q) $-\text{CH}_2\text{OR}_y$;

provided that one of R_2 and R_3 is absent when there is a double bond
between CR_2R_3 (the 7 position) and the F moiety (the 8 position) of the C-ring;

R_y for each occurrence is independently a) -OH, b) -halo, c) -Z-CF₃, d) -Z-CF(C₁-C₃ alkyl)₂, e) -CN, f) -NR₁₂R₁₃, g) -(C₃-C₆)cycloalkyl, h) -(C₃-C₆)cycloalkenyl, i) -(C₀-C₃)alkyl-aryl, j) -het or k) -N₃;

or R₂ and R₃ are taken together to form a) =CHR₁₁, b) =NOR₁₁, c) =O, d) =N-NR₁₂, e) =N-NR₁₂-C(O)-R₁₂, f) oxiranyl or g) 1,3-dioxolan-4-yl;

R₄ and R₅ for each occurrence are independently a) -H, b) -CN, c) -(C₁-C₆)alkyl substituted with 0 to 3 halo, d) -(C₂-C₆)alkenyl substituted with 0 to 3 halo, e) -(C₂-C₆)alkynyl substituted with 0 to 3 halo, f) -O-(C₁-C₆)alkyl substituted with 0 to 3 halo, g) -O-(C₂-C₆)alkenyl substituted with 0 to 3 halo, h) -O-(C₂-C₆)alkynyl substituted with 0 to 3 halo, i) halo, j) -OH, k) (C₃-C₆)cycloalkyl or l) (C₃-C₆)cycloalkenyl;

or R₄ and R₅ are taken together to form =O;

R₆ is a) -H, b) -CN, c) -(C₁-C₆)alkyl substituted with 0 to 3 halo, d) -(C₂-C₆)alkenyl substituted with 0 to 3 halo, e) -(C₂-C₆)alkynyl substituted with 0 to 3 halo or f) -OH;

R₇ and R₁₆ for each occurrence are independently a) -H, b) -halo, c) -CN, d) -(C₁-C₆)alkyl substituted with 0 to 3 halo, e) -(C₂-C₆)alkenyl substituted with 0 to 3 halo or f) -(C₂-C₆)alkynyl substituted with 0 to 3 halo; provided that R₇ is other than -CN or -halo when D is NR₇;

or R₇ and R₁₆ are taken together to form =O;

R₈, R₉, R₁₄ and R₁₅ for each occurrence are independently a) -H, b) -halo, c) (C₁-C₆)alkyl substituted with 0 to 3 halo, d) -(C₂-C₆)alkenyl substituted with 0 to 3 halo, e) -(C₂-C₆)alkynyl substituted with 0 to 3 halo, f) -CN, g) -(C₃-C₆)cycloalkyl, h) -(C₃-C₆)cycloalkenyl, i) -OH, j) -O-(C₁-C₆)alkyl, k) -O-(C₁-C₆)alkenyl, l) -O-(C₁-C₆)alkynyl, m) -NR₁₂R₁₃, n) -C(O)OR₁₂ or o) -C(O)NR₁₂R₁₃;

or R₈ and R₉ are taken together on the C-ring to form =O; provided that when m is 2, only one set of R₈ and R₉ are taken together to form =O;

or R₁₄ and R₁₅ are taken together to form =O; provided that when R₁₄ and R₁₅ are taken together to form =O, D is other than CR₇ and E is other than C;

R₁₀ is a) -(C₁-C₁₀)alkyl substituted with 0 to 3 substituents independently selected from -halo, -OH and -N₃, b) -(C₂-C₁₀)alkenyl substituted with 0 to 3 substituents independently selected from -halo, -OH and -N₃, c) -(C₂-C₁₀)alkynyl substituted with 0 to 3 substituents independently selected from -halo, -OH and -N₃, d) -halo, e) -Z-CN, f) -OH, g) -Z-het, h) -Z-NR₁₂R₁₃, i) -Z-C(O)-het, j)

- Z-C(O)-(C₁-C₆)alkyl, k) -Z-C(O)-NR₁₂R₁₃, l) -Z-C(O)-NR₁₂-Z-CN, m)
 -Z-C(O)-NR₁₂-Z-het, n) -Z-C(O)-NR₁₂-Z-aryl, o) -Z-C(O)-NR₁₂-Z-NR₁₂R₁₃, p)
 -Z-C(O)-NR₁₂-Z-O(C₁-C₆)alkyl, q) -(C₀-C₆)alkyl-C(O)OH, r) -Z-C(O)O(C₁-C₆)alkyl, s)
 -Z-O-(C₀-C₆)alkyl-het, t) -Z-O-(C₀-C₆)alkyl-aryl, u) -Z-O-(C₁-C₆)alkyl substituted with 0
 5 to 2 R_x, v) -Z-O-(C₁-C₆)alkyl-CH(O), w) -Z-O-(C₁-C₆)alkyl-NR₁₂-het, x)
 -Z-O-Z-het-Z-het, y) -Z-O-Z-het-Z-NR₁₂R₁₃, z) -Z-O-Z-het-C(O)-het, a1)
 -Z-O-Z-C(O)-het, b1) -Z-O-Z-C(O)-het-het, c1) -Z-O-Z-C(O)-(C₁-C₆)alkyl, d1)
 -Z-O-Z-C(S)-NR₁₂R₁₃, e1) -Z-O-Z-C(O)-NR₁₂R₁₃, f1)
 -Z-O-Z-(C₁-C₃)alkyl-C(O)-NR₁₂R₁₃, g1) -Z-O-Z-C(O)-O(C₁-C₆)alkyl, h1)
 10 -Z-O-Z-C(O)-OH, i1) -Z-O-Z-C(O)-NR₁₂-O(C₁-C₆)alkyl, j1) -Z-O-Z-C(O)-NR₁₂-OH, k1)
 -Z-O-Z-C(O)-NR₁₂-Z-NR₁₂R₁₃, l1) -Z-O-Z-C(O)-NR₁₂-Z-het, m1)
 -Z-O-Z-C(O)-NR₁₂-SO₂-(C₁-C₆)alkyl, n1) -Z-O-Z-C(=NR₁₂)(NR₁₂R₁₃), o1)
 -Z-O-Z-C(=NOR₁₂)(NR₁₂R₁₃), p1) -Z-NR₁₂-C(O)-O-Z-NR₁₂R₁₃, q1) -Z-S-C(O)-NR₁₂R₁₃,
 r1) -Z-O-SO₂-(C₁-C₆)alkyl, s1) -Z-O-SO₂-aryl, t1) -Z-O-SO₂-NR₁₂R₁₃, u1)
 15 -Z-O-SO₂-CF₃, v1) -Z-NR₁₂C(O)OR₁₃ or w1) -Z-NR₁₂C(O)R₁₃,
 or R₉ and R₁₀ are taken together on the moiety of formula A-5 to form a) = O
 or b) = NOR₁₂;
 R₁₁ is a) -H, b) -(C₁-C₅)alkyl, c) -(C₃-C₆)cycloalkyl or d) -(C₀-C₃)alkyl-aryl;
 R₁₂ and R₁₃ for each occurrence are each independently a) -H, b)
 20 -(C₁-C₆)alkyl wherein 1 or 2 carbon atoms, other than the connecting carbon atom,
 may optionally be replaced with 1 or 2 heteroatoms independently selected from S, O
 and N and wherein each carbon atom is substituted with 0 to 6 halo, c)
 -(C₂-C₆)alkenyl substituted with 0 to 6 halo or d) -(C₁-C₆)alkynyl wherein 1 carbon
 atom, other than the connecting carbon atom, may optionally be replaced with 1
 25 oxygen atom and wherein each carbon atom is substituted with 0 to 6 halo;
 or R₁₂ and R₁₃ are taken together with N to form het;
 or R₆ and R₁₄ or R₁₅ are taken together to form 1,3-dioxolanyl;
 aryl is a) phenyl substituted with 0 to 3 R_x, b) naphthyl substituted with 0 to 3
 R_x or c) biphenyl substituted with 0 to 3 R_x;
 30 het is a 5-, 6- or 7-membered saturated, partially saturated or unsaturated ring
 containing from one (1) to three (3) heteroatoms independently selected from the
 group consisting of nitrogen, oxygen and sulfur; and including any bicyclic group in
 which any of the above heterocyclic rings is fused to a benzene ring or another

heterocycle; and the nitrogen may be in the oxidized state giving the N-oxide form; and substituted with 0 to 3 R_x;

- R_x for each occurrence is independently a) -halo, b) -OH, c) -(C₁-C₆)alkyl, d) -(C₂-C₆)alkenyl, e) -(C₂-C₆)alkynyl, f) -O(C₁-C₆)alkyl, g) -O(C₂-C₆)alkenyl, h) -O(C₂-C₆)alkynyl, i) -(C₀-C₆)alkyl-NR₁₂R₁₃, j) -C(O)-NR₁₂R₁₃, k) -Z-SO₂R₁₂, l) -Z-SOR₁₂, m) -Z-SR₁₂, n) -NR₁₂-SO₂R₁₃, o) -NR₁₂-C(O)-R₁₃, p) -NR₁₂-OR₁₃, q) -SO₂-NR₁₂R₁₃, r) -CN, s) -CF₃, t) -C(O)(C₁-C₆)alkyl, u) =O, v) -Z-SO₂-phenyl or w) -Z-SO₂-het';

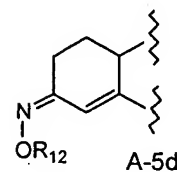
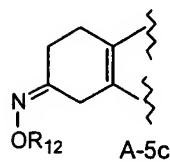
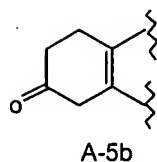
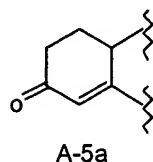
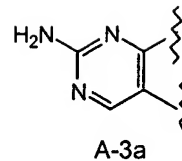
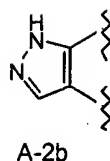
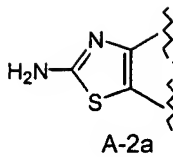
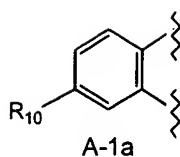
aryl' is phenyl, naphthyl or biphenyl;

- het' is a 5-, 6- or 7-membered saturated, partially saturated or unsaturated ring containing from one (1) to three (3) heteroatoms independently selected from the group consisting of nitrogen, oxygen and sulfur; and including any bicyclic group in which any of the above heterocyclic rings is fused to a benzene ring or another heterocycle;

provided that:

- 1) X-R₁ is other than hydrogen or methyl;
- 2) when R₉ and R₁₀ are substituents on the A-ring, they are other than mono- or di-methoxy;
- 3) when R₂ and R₃ are taken together to form =CHR₁₁ or =O wherein R₁₁ is -O(C₁-C₆)alkyl, then -X-R₁ is other than (C₁-C₄)alkyl;
- 4) when R₂ and R₃ taken together are C=O and R₉ is hydrogen on the A-ring; or when R₂ is hydroxy, R₃ is hydrogen and R₉ is hydrogen on the A-ring, then R₁₀ is other than -O-(C₁-C₆)alkyl or -O-CH₂-phenyl at the 2-position of the A-ring;
- 5) when X-R₁ is (C₁-C₄)alkyl, (C₂-C₄)alkenyl or (C₂-C₄)alkynyl, R₉ and R₁₀ are other than mono-hydroxy or =O, including the diol form thereof, when taken together;
- and
- 6) when X is absent, R₁ is other than a moiety containing a heteroatom independently selected from N, O or S directly attached to the juncture of the B-ring and the C-ring.

2. A compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug; wherein the A-ring is selected from the group consisting of:



D is CR₇, CR₁₆R₇ or O;

E is C, CR₆ or N;

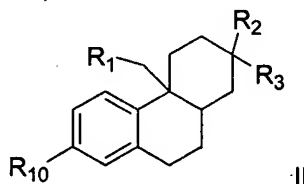
5 F is CR₄, CR₄R₅ or O; and

X is -CH₂-.

3. A compound of claim 2, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug; wherein D is CH₂; E is CH; F is CH₂; R₈ is -H; R₉ is -H; m is 2; R₁₄ is -H; R₁₅ is -H; and

10 the A-ring is the moiety of formula A-1a.

4. A compound of claim 3 of formula II



an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug;

15 wherein R₂ is a) -OH or b) -O-CH₂-het;

R₃ is a) -(C₁-C₆)alkyl substituted with 0 or 1 of the following: -CF₃, -CN,

-(C₃-C₆)cycloalkyl, -phenyl or -N₃, b) -C≡C- substituted with 1 of the following:

-(C₁-C₅)alkyl, -Cl, -CF₃, -(C₃-C₆)cycloalkyl, -phenyl or -benzyl; c) -CH₂OH, d)

-CH₂O(C₁-C₅)alkyl wherein 1 carbon atom may optionally be replaced with 1 oxygen

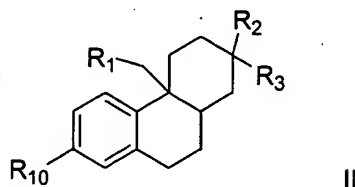
20 atom, e) -CH₂O(C₂-C₅)alkenyl, f) -CH₂O(C₂-C₅)alkynyl wherein 1 carbon atom may optionally be replaced with 1 oxygen atom, g) -CH₂OR_y, h) -CN or i) -CF₃;

R_y is a) -(C₁-C₃)alkyl-CF₃, b) -(C₃-C₆)cycloalkyl, c) -phenyl or d) -benzyl;

or R₂ and R₃ are taken together to form a) -1,3-dioxolan-4-yl or b) =NOR₁₁;

R₁₁ is a) -H, b) -(C₁-C₅)alkyl, c) -(C₃-C₆)cycloalkyl, d) -phenyl or e) -benzyl.

5. A compound of claim 4 of formula II



- an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug;
- 5 wherein R₁ is a) -(C₁-C₄)alkyl, b) -(C₂-C₄)alkenyl, c) -phenyl substituted with zero or one of the following: -OH, -NR₁₂R₁₃, -NR₁₂-C(O)-(C₁-C₄)alkyl, -CN, -Z-het, -O-(C₁-C₃)alkyl-C(O)-NR₁₂R₁₃, -NR₁₂-Z-C(O)-NR₁₂R₁₃, -Z-NR₁₂-SO₂-R₁₃, -NR₁₂-SO₂-het, -O-C(O)-(C₁-C₄)alkyl or -O-SO₂-(C₁-C₄)alkyl; d) -O-phenyl substituted
- 10 with 0 or 1 of the following: -Z-NR₁₂R₁₃ or -C(O)NR₁₂R₁₃, or e) -CH=CH-phenyl wherein phenyl is substituted with 0 or 1 of the following: -Z-NR₁₂R₁₃ or -C(O)NR₁₂R₁₃;

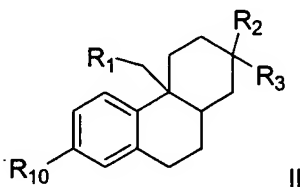
Z for each occurrence is independently -(C₀-C₂)alkyl;

- R₁₀ is a) -CH(OH)(C₁-C₅)alkyl, b) -CN, c) -OH, d) -het, e) -C(O)-(C₁-C₄)alkyl, f) -C(O)-NR₁₂R₁₃, g) -C(O)-NH-Z-het, h) -O-(C₀-C₂)alkyl-het, i) -O-Z-C(O)-NR₁₂R₁₃, j) -O-Z-C(O)-NH-(C₀-C₃)alkyl-het or k) -O-Z-C(O)-NH-(C₀-C₃)alkyl-NR₁₂R₁₃;
- 15

R₁₂ and R₁₃ are independently a) -H or b) -(C₁-C₄)alkyl;

or R₁₂ and R₁₃ are taken together with N to form het.

6. A compound of claim 5 of formula II



- 20 an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug;

wherein R₁ is a) -(C₂-C₄)alkyl, b) -CH₂-CH=CH₂ or c) -phenyl;

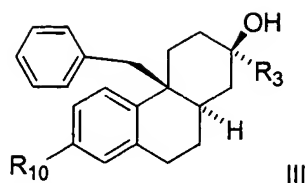
R₂ is -OH;

R₃ is a) -(C₁-C₆)alkyl substituted with 0 or 1 CF₃, b) -C≡C-CH₃, c) -C≡C-Cl, d)

- 25 -C≡C-CF₃, e) -CH₂O(C₁-C₃)alkyl substituted with 0 or 1 CF₃, or f) -CF₃;

R₁₀ is -OH.

7. A compound of claim 6 of formula III



a prodrug thereof, or a pharmaceutically acceptable salt of said compound or prodrug;

wherein R_3 and R_{10} are as defined in claim 6.

5 8. A compound of claim 7 selected from the group consisting of:

2,7-phenanthrenediol, 2-(chloroethynyl)-1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-, [2*R*-(2 α ,4 α ,10 α)]-;

2,7-phenanthrenediol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-propyl-[2*R*-(2 α ,4 α ,10 α)]-;

10 2,7-phenanthrenediol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-(1-propynyl)-, [2*R*-(2 α ,4 α ,10 α)]-;

2,7-phenanthrenediol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-(3,3,3-trifluoro-1-propynyl)-, [2*R*-(2 α ,4 α ,10 α)]-;

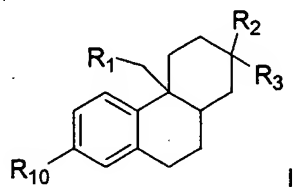
15 2,7-phenanthrenediol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-(3,3,3-trifluoropropyl)-, [2*S*-(2 α ,4 α ,10 α)]-;

2,7-phenanthrenediol, 1,2,3,4,4a,9,10,10a-octahydro-2-methyl-4a-(phenylmethyl)-, [2*R*-(2 α ,4 α ,10 α)]-; and

2,7-phenanthrenediol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-(trifluoromethyl)-, (2*R*,4*aS*,10*aR*)-;

20 a prodrug thereof, or a pharmaceutically acceptable salt of said compound or prodrug.

9. A compound of claim 5 of formula II



an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug;

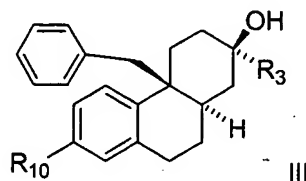
25 wherein R_1 is a) $-(C_2-C_4)alkyl$, b) $-CH_2-CH=CH_2$ or c) $-phenyl$;

R₂ is -OH;

R₃ is a) -(C₁-C₅)alkyl substituted with 0 or 1 CF₃, b) -C≡C-CH₃, c) -C≡C-Cl, d) -C≡C-CF₃, e) -CH₂O(C₁-C₃)alkyl substituted with 0 or 1 CF₃, or f) -CF₃;

R₁₀ is -CN.

- 5 10. A compound of claim 9 of formula III



a prodrug thereof, or a pharmaceutically acceptable salt of said compound or prodrug;

wherein R₃ and R₁₀ are as defined in claim 9.

- 10 11. A compound of claim 10 selected from the group consisting of:

2-phenanthrenecarbonitrile, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-, [4bS-(4bα,7α,8aβ)]; and

2-phenanthrenecarbonitrile, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-propyl-, [4bS-(4bα,7α,8aβ)];

- 15 or a prodrug thereof, or a pharmaceutically acceptable salt of said compound or prodrug.

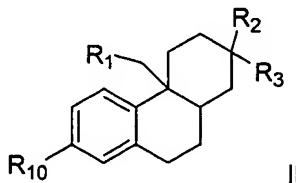
12. The compound of claim 10 wherein R₃ is -C≡C-CH₃ and R₁₀ is -CN; or a pharmaceutically acceptable salt thereof.

- 20 13. The compound of claim 10 wherein R₃ is -(CH₂)₂-CH₃ and R₁₀ is -CN; or a pharmaceutically acceptable salt thereof.

14. The compound of claim 10 wherein R₃ is -CF₃ and R₁₀ is -CN; or a pharmaceutically acceptable salt thereof.

15. The compound of claim 10 wherein R₃ is -CH₂CH₂CF₃ and R₁₀ is -CN; or a pharmaceutically acceptable salt thereof.

- 25 16. The compound of claim 5 of formula II



an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug;

wherein R₁ is a) -(C₂-C₄)alkyl, b) -CH₂-CH=CH₂ or c) -phenyl;

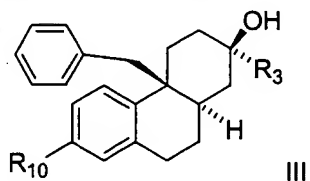
R₂ is -OH;

- 5 R₃ is a) -(C₁-C₆)alkyl substituted with 0 or 1 CF₃, b) -C≡C-CH₃, c) -C≡C-Cl, d) -C≡C-CF₃, e) -CH₂O(C₁-C₃)alkyl substituted with 0 or 1 CF₃, or f) -CF₃;

R₁₀ is -C(O)-NH-Z-het wherein het is selected from the group consisting of a) pyridinyl substituted with 0 or 1 methyl, b) pyrimidinyl, c) pyrazinyl, d) morpholinyl and e) oxadiazolyl;

- 10 Z is -(C₀-C₂) alkyl.

17. A compound of claim 16 of formula III



a prodrug thereof, or a pharmaceutically acceptable salt of said compound or prodrug;

- 15 wherein R₃ is a) -(CH₂)₂-CF₃, b) -(CH₂)₂-CH₃, c) -CH₃, d) -C≡C-CH₃, e) -C≡C-Cl or f) -CF₃;

R₁₀ is as defined in claim 16.

18. A compound of claim 17 selected from the group consisting of:

- 20 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-N-(4-pyridinylmethyl)-, [4bS-(4bα,7α,8aβ)]-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-N-(2-pyridinylmethyl)-, [4bS-(4bα,7α,8aβ)]-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-N-(3-pyridinylmethyl)-, [4bS-(4bα,7α,8aβ)]-;
- 25 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-N-2-pyridinyl-, [4bS-(4bα,7α,8aβ)]-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-N-pyrazinyl-, [4bS-(4bα,7α,8aβ)]-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-N-3-pyridinyl-, [4bS-(4bα,7α,8aβ)]-;
- 30

- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-7-(1-propynyl)-, [4bS-(4b α ,7 α ,8a β)]-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-7-propyl-, [4bS-(4b α ,7 α ,8a β)]-;
- 5 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-propyl-*N*-(2-pyridinylmethyl)-, [4bS-(4b α ,7 α ,8a β)]-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-propyl-*N*-(4-pyridinylmethyl)-, [4bS-(4b α ,7 α ,8a β)]-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-propyl-*N*-(3-pyridinylmethyl)-, [4bS-(4b α ,7 α ,8a β)]-;
- 10 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-propyl-*N*-2-pyridinyl-, [4bS-(4b α ,7 α ,8a β)]-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-propyl-*N*-4-pyridinyl-, [4bS-(4b α ,7 α ,8a β)]-;
- 15 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-propyl-*N*-3-pyridinyl-, [4bS-(4b α ,7 α ,8a β)]-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-7-(3,3,3-trifluoropropyl)-, (4bS,7S,8aR)-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-7-methyl-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-, (4bS,7R,8aR)-;
- 20 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-7-methyl-4b-(phenylmethyl)-*N*-3-pyridinyl-, (4bS,7R,8aR)-; and
- 2-phenanthrenecarboxamide, 4b, 5, 6, 7, 8, 8a, 9, 10-octahydro-7-hydroxy-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-7-(trifluoromethyl)-, (4bS, 7R, 8aR)-;
- 25 or a prodrug thereof, or a pharmaceutically acceptable salt of said compound or prodrug.
19. A compound of claim 18 selected from the group consisting of:
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-*N*-(4-pyridinylmethyl)-, [4bS-(4b α ,7 α ,8a β)]-;
- 30 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-*N*-(2-pyridinylmethyl)-, [4bS-(4b α ,7 α ,8a β)]-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-*N*-(3-pyridinylmethyl)-, [4bS-(4b α ,7 α ,8a β)]-;

- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-*N*-pyrazinyl-, [4bS-(4b α ,7 α ,8a β)]-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-7-(1-propynyl)-, [4bS-(4b α ,7 α ,8a β)]-;
- 5 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-7-propyl-, [4bS-(4b α ,7 α ,8a β)]-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-propyl-*N*-(2-pyridinylmethyl)-, [4bS-(4b α ,7 α ,8a β)]-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-7-(3,3,3-trifluoropropyl)-, (4bS,7S,8aR)-;
- 10 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-7-methyl-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-, (4bS,7R,8aR)-;
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-7-methyl-4b-(phenylmethyl)-*N*-3-pyridinyl-, (4bS,7R,8aR)-; and
- 15 2-phenanthrenecarboxamide, 4b, 5, 6, 7, 8, 8a, 9, 10-octahydro-7-hydroxy-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-7-trifluoromethyl)-, (4bS, 7R, 8aR)-; or a prodrug thereof, or a pharmaceutically acceptable salt of said compound or prodrug.
- 20 20. The compound of claim 17 wherein R₃ is -C \equiv C-CH₃ and R₁₀ is -C(O)-NH-CH₂-(4-pyridinyl); or a pharmaceutically acceptable salt thereof.
21. The compound of claim 17 wherein R₃ is -C \equiv C-CH₃ and R₁₀ is -C(O)-NH-CH₂-(2-pyridinyl); or a pharmaceutically acceptable salt thereof.
22. The compound of claim 17 wherein R₃ is -C \equiv C-CH₃ and R₁₀ is -C(O)-NH-CH₂-(3-pyridinyl); or a pharmaceutically acceptable salt thereof.
- 25 23. The compound of claim 17 wherein R₃ is -C \equiv C-CH₃ and R₁₀ is -C(O)-NH-(2-pyrazinyl); or a pharmaceutically acceptable salt thereof.
24. The compound of claim 17 wherein R₃ is -C \equiv C-CH₃ and R₁₀ is -C(O)-NH-CH₂-(2-methyl-3-pyridinyl); or a pharmaceutically acceptable salt thereof.
25. The compound of claim 17 wherein R₃ is -(CH₂)₂-CH₃ and R₁₀ is -C(O)-NH-CH₂-(2-methyl-3-pyridinyl); or a pharmaceutically acceptable salt thereof.
- 30 26. The compound of claim 17 wherein R₃ is -(CH₂)₂-CH₃ and R₁₀ is -C(O)-NH-CH₂-(2-pyridinyl); or a pharmaceutically acceptable salt thereof.

27. The compound of claim 17 wherein R_3 is $-(CH_2)_2-CF_3$ and R_{10} is $-C(O)-NH-CH_2-(2-methyl-3-pyridinyl)$; or a pharmaceutically acceptable salt thereof.

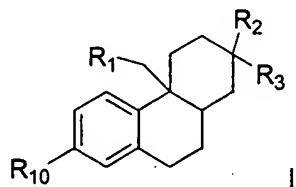
28. The compound of claim 17 wherein R_3 is $-CH_3$ and R_{10} is $-C(O)-NH-CH_2-(2-methyl-3-pyridinyl)$; or a pharmaceutically acceptable salt thereof.

5 29. The compound of claim 17 wherein R_3 is $-CH_3$ and R_{10} is $-C(O)-NH-(3-pyridinyl)$; or a pharmaceutically acceptable salt thereof.

30. The compound of claim 17 wherein R_3 is $-CF_3$ and R_{10} is $-C(O)-NH-CH_2-(2-methyl-3-pyridinyl)$; or a pharmaceutically acceptable salt thereof.

31. A compound of claim 5 of formula II

10



an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug;

wherein R_1 is a) $-(C_2-C_4)alkyl$, b) $-CH_2-CH=CH_2$ or c) $-phenyl$;

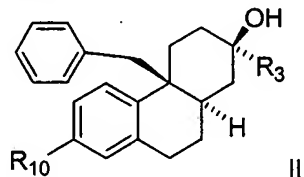
15 R_2 is $-OH$;

R_3 is a) $-(C_1-C_4)alkyl$ substituted with 0 or 1 CF_3 , b) $-C\equiv C-CH_3$, c) $-C\equiv C-Cl$, d) $-C\equiv C-CF_3$, e) $-CH_2O(C_1-C_3)alkyl$ substituted with 0 or 1 CF_3 , or f) $-CF_3$;

R_{10} is $-O-(C_1-C_2)alkyl-het$ wherein het is selected from the group consisting of a) pyridinyl substituted with 0 or 1 methyl, b) pyrimidinyl, c) pyrazinyl, d) morpholinyl and f) oxadiazolyl.

20

32. A compound of claim 31 of formula III



a prodrug thereof, or a pharmaceutically acceptable salt of said compound or prodrug;

25 wherein R_3 is a) $-(CH_2)_2-CF_3$, b) $-(CH_2)_2-CH_3$, c) $-CH_3$, d) $-C\equiv C-CH_3$, e) $-C\equiv C-Cl$ or f) $-CF_3$;

R₁₀ is -O-(C₁-C₂)alkyl-het wherein het is selected from the group consisting of a) 2-pyridinyl, b) 3-pyridinyl, c) 4-pyridinyl, d) 2-methyl-3-pyridinyl and e) pyrazinyl.

33. A compound of claim 32 selected from the group consisting of:

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-(1-propynyl)-7-(3-pyridinylmethoxy)-, [2*R*-(2α,4αα,10aβ)];

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-(1-propynyl)-7-(4-pyridinylmethoxy)-, [2*R*-(2α,4αα,10aβ)];

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-(1-propynyl)-7-(2-pyridinylmethoxy)-, [2*R*-(2α,4αα,10aβ)];

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-7-[(2-methyl-3-pyridinyl)methoxy]-4a-(phenylmethyl)-2-(1-propynyl)-, [2*R*-(2α,4αα,10aβ)];

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-7-[(2-methyl-3-pyridinyl)methoxy]-4a-(phenylmethyl)-2-propyl-, [2*R*-(2α,4αα,10aβ)];

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-propyl-7-(2-pyridinylmethoxy)-, [2*R*-(2α,4αα,10aβ)];

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-propyl-7-(3-pyridinylmethoxy)-, [2*R*-(2α,4αα,10aβ)];

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-7-[(2-methyl-4-pyridinyl)methoxy]-4a-(phenylmethyl)-2-propyl-, [2*R*-(2α,4αα,10aβ)];

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-propyl-7-(pyrazinylmethoxy)-, [2*R*-(2α,4αα,10aβ)];

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-7-(3-pyridinylmethoxy)-2-(3,3,3-trifluoropropyl)-, [2*S*-(2α,4αα,10aβ)];

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-7-[(2-methyl-3-pyridinyl)methoxy]-4a-(phenylmethyl)-2-(3,3,3-trifluoropropyl)-, [2*S*-(2α,4αα,10aβ)];

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-7-(2-pyridinylmethoxy)-2-(3,3,3-trifluoropropyl)-, [2*S*-(2α,4αα,10aβ)]; and

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-7-[(2-methyl-3-pyridinyl)methoxy]-4a-(phenylmethyl)-2-(trifluoromethyl)-, (2*R*,4*aS*,10*aR*);

or a prodrug thereof, or a pharmaceutically acceptable salt of said compound or prodrug.

34. A compound of claim 33 selected from the group consisting of:

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-(1-propynyl)-7-(4-pyridinylmethoxy)-, [2*R*-(2 α ,4 α ,10 α)];

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-(1-propynyl)-7-(2-pyridinylmethoxy)-, [2*R*-(2 α ,4 α ,10 α)];

5 2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-7-(3-pyridinylmethoxy)-2-(3,3,3-trifluoropropyl)-, [2*S*-(2 α ,4 α ,10 α)];

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-7-[(2-methyl-3-pyridinyl)methoxy]-4a-(phenylmethyl)-2-(3,3,3-trifluoropropyl)-, [2*S*-(2 α ,4 α ,10 α)]-

10 2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-7-(2-pyridinylmethoxy)-2-(3,3,3-trifluoropropyl)-, [2*S*-(2 α ,4 α ,10 α)]-; and

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-7-[(2-methyl-3-pyridinyl)methoxy]-4a-(phenylmethyl)-2-(trifluoromethyl)-, (2*R*,4*aS*,10*aR*);

or a prodrug thereof, or a pharmaceutically acceptable salt of said compound or prodrug.

15 35. The compound of claim 32 wherein R₃ is -C \equiv C-CH₃ and R₁₀ is -O-CH₂-(4-pyridinyl); or a pharmaceutically acceptable salt thereof.

36. The compound of claim 32 wherein R₃ is -C \equiv C-CH₃ and R₁₀ is -O-CH₂-(2-pyridinyl); or a pharmaceutically acceptable salt thereof.

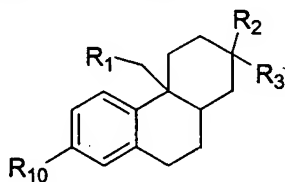
20 37. The compound of claim 32 wherein R₃ is -(CH₂)₂-CF₃ and R₁₀ is -O-CH₂-(3-pyridinyl); or a pharmaceutically acceptable salt thereof.

38. The compound of claim 32 wherein R₃ is -(CH₂)₂-CF₃ and R₁₀ is -O-CH₂-(2-methyl-3-pyridinyl); or a pharmaceutically acceptable salt thereof.

39. The compound of claim 32 wherein R₃ is -(CH₂)₂-CF₃ and R₁₀ is -O-CH₂-(2-pyridinyl); or a pharmaceutically acceptable salt thereof.

25 40. The compound of claim 32 wherein R₃ is -CF₃ and R₁₀ is -O-CH₂-(2-methyl-3-pyridinyl); or a pharmaceutically acceptable salt thereof.

41. A compound of claim 5 of formula II



30 an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug.

wherein R_1 is a) $-(C_2-C_4)\text{alkyl}$, b) $-\text{CH}_2-\text{CH}=\text{CH}_2$ or c) $-\text{phenyl}$;

R_2 is $-\text{OH}$;

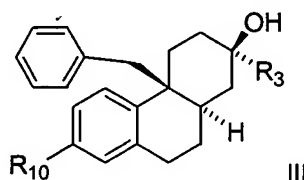
R_3 is a) $-(C_1-C_4)\text{alkyl}$ substituted with 0 or 1 CF_3 , b) $-\text{C}\equiv\text{C}-\text{CH}_3$, c) $-\text{C}\equiv\text{C}-\text{Cl}$, d) $-\text{C}\equiv\text{C}-\text{CF}_3$, e) $-\text{CH}_2\text{O}(C_1-C_3)\text{alkyl}$ substituted with 0 or 1 CF_3 , or f) $-\text{CF}_3$;

5 R_{10} is a) $-\text{O}-\text{Z}-\text{C}(\text{O})-\text{NH}-(C_0-C_3)\text{alkyl}-\text{N}((C_1-C_2)\text{alkyl})_2$, b) $-\text{O}-\text{Z}-\text{C}(\text{O})-\text{NR}_{12}\text{R}_{13}$, or c) $-\text{O}-\text{Z}-\text{C}(\text{O})-\text{NH}-(C_0-C_3)\text{alkyl}-\text{het}$ wherein het is selected from the group consisting of 1) pyridinyl substituted with 0 or 1 methyl, 2) pyrimidinyl, 3) pyrazinyl, 4) morpholinyl, 5) pyrrolidinyl, 6) imidazolyl and 7) oxadiazolyl;

R_{12} and R_{13} are independently a) $-\text{H}$ or b) $-(C_1-C_2)\text{alkyl}$; or R_{12} and R_{13} taken
10 together with N to form pyrrolidinyl;

Z is $-(C_0-C_1)\text{alkyl}$.

42. A compound of claim 41 of formula III



a prodrug thereof, or a pharmaceutically acceptable salt of said compound or
15 prodrug;

wherein R_3 is a) $-(\text{CH}_2)_2-\text{CF}_3$, b) $-(\text{CH}_2)_2-\text{CH}_3$, c) $-\text{CH}_3$, d) $-\text{C}\equiv\text{C}-\text{CH}_3$, e) $-\text{C}\equiv\text{C}-\text{Cl}$ or f) $-\text{CF}_3$;

R_{10} is a) $-\text{O}-\text{C}(\text{O})-\text{NH}-(C_0-C_3)\text{alkyl}-\text{N}((C_1-C_2)\text{alkyl})_2$, b) $-\text{O}-\text{C}(\text{O})-\text{N}(\text{CH}_3)_2$, c) $-\text{O}-\text{C}(\text{O})-(1\text{-pyrrolidinyl})$ or d) $-\text{O}-\text{C}(\text{O})-\text{NH}-(C_0-C_3)\text{alkyl}-\text{het}$ wherein het is selected
20 from the group consisting of 1) 2-pyridinyl, 2) 3-pyridinyl, 3) 4-pyridinyl, 4) 2-methyl-3-pyridinyl, 5) pyrazinyl, 6) morpholinyl, 7) pyrrolidinyl and 8) imidazolyl.

43. A compound of claim 42 selected from the group consisting of:

carbamic acid, dimethyl-, 7-(chloroethynyl)-4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-2-phenanthrenyl ester, (4bS,8aR)-;

25 1-pyrrolidinecarboxylic acid, 7-(chloroethynyl)-4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-2-phenanthrenyl ester, (4bS,8aR)-;

carbamic acid, [2-(1-pyrrolidinyl)ethyl]-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, monohydrochloride, [4bS-(4b α ,7 α ,8a β)]-;

- carbamic acid, [2-(4-morpholinyl)ethyl]-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)]-;
- carbamic acid, [3-(1*H*-imidazol-1-yl)propyl]-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)]-;
- 5 carbamic acid, [2-(dimethylamino)ethyl]-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)]-;
- carbamic acid, [3-(1-pyrrolidinyl)propyl]-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)]-;
- carbamic acid, [2-(3-pyridinyl)ethyl]-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)]-;
- 10 carbamic acid, (2-pyridinylmethyl)-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)]-;
- carbamic acid, [2-(2-pyridinyl)ethyl]-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)]-;
- 15 carbamic acid, (4-pyridinylmethyl)-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)]-;
- carbamic acid, (3-pyridinylmethyl)-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)]-; and
- carbamic acid, [2-(4-pyridinyl)ethyl]-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)]-;
- 20 or a prodrug thereof, or a pharmaceutically acceptable salt of said compound or prodrug.
44. A compound of claim 43 selected from the group consisting of:
- carbamic acid, [2-(1-pyrrolidinyl)ethyl]-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, monohydrochloride, [4bS-(4b α ,7 α ,8a β)]-;
- 25 carbamic acid, [2-(dimethylamino)ethyl]-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)]-;
- carbamic acid, (2-pyridinylmethyl)-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)]-;
- 30 carbamic acid, (4-pyridinylmethyl)-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)]-; and

carbamic acid, (3-pyridinylmethyl)-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)];

a prodrug thereof, or a pharmaceutically acceptable salt of said compound or prodrug.

5 45. The compound of claim 42 wherein R₃ is -C \equiv C-CH₃ and R₁₀ is -O-C(O)-NH-(CH₂)₂-(1-pyrrolidinyl); or a pharmaceutically acceptable salt thereof.

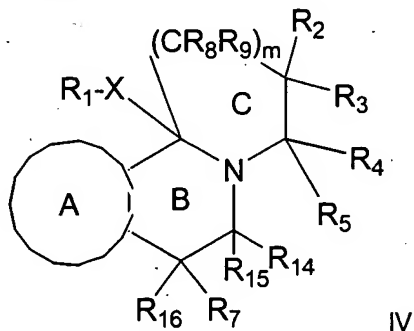
46. The compound of claim 42 wherein R₃ is -C \equiv C-CH₃ and R₁₀ is -O-C(O)-NH-(CH₂)₂-N(CH₃)₂; or a pharmaceutically acceptable salt thereof.

47. The compound of claim 42 wherein R₃ is -C \equiv C-CH₃ and R₁₀ is
10 -O-C(O)-NH-CH₂-2-pyridyl; or a pharmaceutically acceptable salt thereof.

48. The compound of claim 42 wherein R₃ is -C \equiv C-CH₃ and R₁₀ is -O-C(O)-NH-CH₂-4-pyridyl; or a pharmaceutically acceptable salt thereof.

49. The compound of claim 42 wherein R₃ is -C \equiv C-CH₃ and R₁₀ is -O-C(O)-NH-CH₂-3-pyridyl; or a pharmaceutically acceptable salt thereof.

15 50. A compound of claim 1 of formula IV



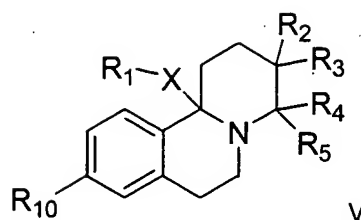
an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug.

wherein the variables are as defined in claim 1.

20 51. A compound of claim 50; an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug;

wherein R₈ is -H; R₉ is -H; m is 2; R₇ is -H; R₁₄ is -H; R₁₅ is -H; R₁₆ is -H; and the A-ring is the moiety of formula A-1a.

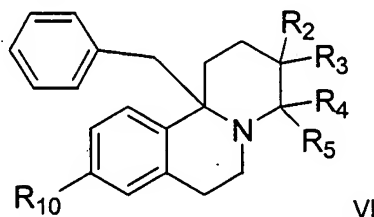
25 52. A compound of claim 51 of formula V



an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug; wherein X is -CH₂-;

- 5 R₁ is a) -(C₁-C₄)alkyl, b) -(C₂-C₄)alkenyl, c) -phenyl substituted with 0 or 1 of the following: -OH, -NR₁₂R₁₃, -NR₁₂-C(O)-(C₁-C₄)alkyl, -CN, -Z-het, -O-(C₁-C₃)alkyl-C(O)-NR₁₂R₁₃, -NR₁₂-Z-C(O)-NR₁₂R₁₃, -Z-NR₁₂-SO₂-R₁₃, -NR₁₂-SO₂-het, -O-C(O)-(C₁-C₄)alkyl or -O-SO₂-(C₁-C₄)alkyl; d) -O-phenyl substituted with 0 or 1 of the following: -Z-NR₁₂R₁₃ or -C(O)NR₁₂R₁₃; or e) -CH=CH-phenyl
- 10 wherein phenyl is substituted with 0 or 1 of the following: -Z-NR₁₂R₁₃ or -C(O)NR₁₂R₁₃; Z is for each occurrence independently -(C₀-C₂)alkyl; R₄ and R₅ are each hydrogen or are taken together to form =O; R₁₀ is a) -CH(OH)(C₁-C₅)alkyl, b) -CN, c) -OH, d) -het, e) -C(O)-(C₁-C₄)alkyl, f) -C(O)-NR₁₂R₁₃, g) -C(O)-NH-Z-het, h) -O-(C₀-C₃)alkyl-het, i) -O-Z-C(O)-NR₁₂R₁₃, j) -O-Z-C(O)-NH-(C₀-C₃)alkyl-het or k) -O-(C₀-C₃)alkyl-phenyl;
- 15 R₁₂ and R₁₃ for each occurrence are independently a) -H or b) -(C₁-C₄)alkyl.

53. A compound of claim 52 of formula VI



an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug. wherein R₂ is a) -C(O)OH, b) -C(O)OCH₃, c) -C(O)OCH₂CH₃ or d) -CH₂OH;

R₃ is a) -(CH₂)₂-CF₃, b) -(CH₂)₂-CH₃, c) -CH₃ or d) -CF₃;

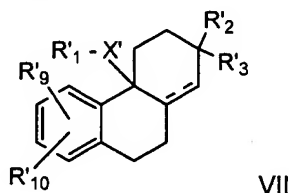
R₄ and R₅ are each hydrogen or are taken together to form =O;

R_{10} is a) -OH, b) -O-(C₀-C₃)alkyl-phenyl or c) -O-(C₀-C₃)alkyl-het wherein het is selected from the group consisting of a) 2-pyridinyl, b) 3-pyridyl, c) 4-pyridyl, d) 2-methyl-3-pyridyl and e) pyrazinyl.

54. A compound of claim 53 selected from the group consisting of:

- 5 2*H*-benzo[a]quinolizine-3-carboxylic acid,
 1,3,4,6,7,11*b*-hexahydro-4-oxo-9-(phenylmethoxy)-11*b*-(phenylmethyl)-3-propyl-,
 methyl ester, (3-*cis*)-;
 2*H*-benzo[a]quinolizine-3-methanol, 1,3,4,6,7,11*b*-hexahydro-9-
 (phenylmethoxy)-11*b*-(phenylmethyl)-3-propyl-, (3-*cis*)-;
 10 2*H*-benzo[a]quinolizine-3-methanol, 1,3,4,6,7,11*b*-hexahydro-9-hydroxy-11*b*-
 (phenylmethyl)-3-propyl-, (3-*cis*)-;
 2*H*-benzo[a]quinolizine-3-carboxylic acid, 1,3,4,6,7,11*b*-hexahydro-9-hydroxy-
 4-oxo-11*b*-(phenylmethyl)-3-propyl-, methyl ester, (3-*cis*)-;
 4*H*-benzo[a]quinolizin-4-one, 1,2,3,6,7,11*b*-hexahydro-3-(hydroxymethyl)-9-
 15 (phenylmethoxy)-11*b*-(phenylmethyl)-3-propyl-, (3-*cis*)-; and
 4*H*-benzo[a]quinolizin-4-one, 1,2,3,6,7,11*b*-hexahydro-9-hydroxy-3-
 (hydroxymethyl)-11*b*-(phenylmethyl)-3-propyl-, (3*S*-*cis*)-;
 a prodrug thereof, or a pharmaceutically acceptable salt of said compound or
 prodrug;

- 20 55. A compound of formula VII



or an isomer thereof;

wherein - - - is an optional bond;

X' is -CH₂-;

- 25 R'₁ is phenyl substituted with 0, 1 or 2 R'_x;

R'₂ is -OH;

R'₃ is a) -(C₁-C₆)alkyl substituted with 0 or 1 R'_y or b) -(C₂-C₆)alkynyl
 substituted with 0 or 1 R'_y;

R'_y is -CF₃;

- 30 or R'₂ and R'₃ are taken together to form =O;

R'₉ is -H;

R'₁₀ is a) -halo, b) -C(O)OH, c) -C(O)O(C₁-C₆)alkyl, d) -C(O)-NR'₁₂R'₁₃, e) -CN,

f) -OH or g) -O-(C₁-C₃)alkyl;

R'_x is a) -halo, b) -OH, c) -(C₁-C₆)alkyl, d) -CN, e) -CF₃, f)

- 5 -(C₀-C₆)alkyl-NR'₂R'₁₃, g) -C(O)-NR'₁₂R'₁₃, h) -NR'₁₂-SO₂R'₁₃, i) -NR'₁₂-C(O)-R'₁₃, j) -SO₂R'₁₂ or k) -SO₂-NR'₁₂R'₁₃;

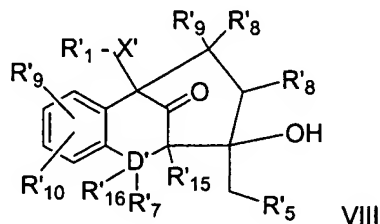
R'₁₂ and R'₁₃ for each occurrence are each independently a) -H or b)

-(C₁-C₆)alkyl.

56. 2(3H)-Phenanthrenone, 4,4a,9,10-tetrahydro-7-bromo-4a-(phenylmethyl)-

- 10 ,(S)-, a compound of claim 55.

57. A compound of formula VIII



or an isomer thereof;

wherein D' is C;

- 15 X' is -CH₂-;

R'₁ is phenyl substituted with 0 to 2 R'_x;

R'₅, R'₇, R'₈, R'₉, R'₁₅ and R'₁₆ for each occurrence are independently a) -H, b) -O-(C₁-C₆)alkyl, c) -(C₁-C₆)alkyl or d) halo;

R'₁₀ is a) -halo, b) -CN, c) -OH, d) -C(O)-NR'₁₂R'₁₃, e) -C(O)-NR'₁₂-Z'-het

- 20 wherein het is substituted with 0 or 1 R'_x, f) -C(O)-NR'₁₂-Z'-aryl wherein aryl is substituted with 0 or 1 R'_x, g) -O-(C₀-C₆)alkyl-het wherein het is substituted with 0 or 1 R'_x, or h) -O-(C₀-C₆)alkyl-aryl wherein aryl is substituted with 0 or 1 R'_x;

Z' is a) -(C₀-C₆)alkyl, b) -(C₂-C₆)alkenyl, or c) -(C₂-C₆)alkynyl;

R'_x is a) -halo, b) -OH, c) -(C₁-C₆)alkyl, d) -CN, e) -CF₃, f)

- 25 -(C₀-C₆)alkyl-NR'₁₂R'₁₃, g) -C(O)-NR'₁₂R'₁₃, h) -NR'₁₂-SO₂R'₁₃, i) -NR'₁₂-C(O)-R'₁₃, j) -SO₂R'₁₂ or k) -SO₂-NR'₁₂R'₁₃;

R'₁₂ and R'₁₃ for each occurrence are each independently a) -H or b)

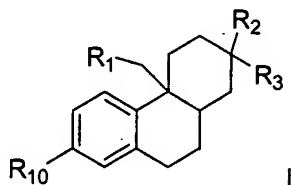
-(C₁-C₆)alkyl;

aryl is phenyl;

het is a 5-, 6- or 7-membered saturated, partially saturated or unsaturated ring containing from one (1) to three (3) heteroatoms selected from the group consisting of nitrogen, oxygen and sulfur.

58. 1(R)-Benzyl-6-methoxy-1-(S)-(3-oxo-butyl)-3,4-dihydro-1H-naphthalen-2-one, a compound of claim 57.

59. A compound of claim 3 of formula II



an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug;

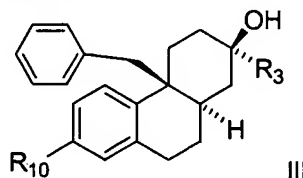
10 wherein R₁ is -phenyl;

R₂ is -OH;

R₃ is a) -(C₁-C₆)alkyl substituted with 0 or 1 CF₃, b) -C≡C-CH₃, c) -C≡C-Cl, d) -C≡C-CF₃, e) -CH₂O(C₁-C₃)alkyl substituted with 0 or 1 CF₃, or f) -CF₃;

R₁₀ is -OH, -CN, -C(O)OH or -C(O)O(C₁-C₆)alkyl.

15 60. A compound of claim 59 of formula III



a prodrug thereof, or a pharmaceutically acceptable salt of said compound or prodrug;

wherein R₃ is a) -(CH₂)₂-CF₃, b) -(CH₂)₂-CH₃, c) -CH₃, d) -C≡C-CH₃, e) -C≡C-Cl or f)

20 -CF₃;

R₁₀ is as defined in claim 59.

61. A compound of claim 60 selected from the group consisting of:

a compound of formula III wherein R₃ is -C≡C-CH₃ and R₁₀ is -OH; or a pharmaceutically acceptable salt thereof;

25 a compound of formula III wherein R₃ is -C≡C-CH₃ and R₁₀ is -CN; or a pharmaceutically acceptable salt thereof;

a compound of formula III wherein R_3 is $-C\equiv C-CH_3$ and R_{10} is $-COOH$; or a pharmaceutically acceptable salt thereof;

a compound of formula III wherein R_3 is $-(CH_2)_2-CH_3$ and R_{10} is $-OH$; or a pharmaceutically acceptable salt thereof;

5 a compound of formula III wherein R_3 is $-(CH_2)_2-CH_3$ and R_{10} is $-CN$; or a pharmaceutically acceptable salt thereof;

a compound of formula III wherein R_3 is $-(CH_2)_2-CH_3$ and R_{10} is $-COOH$; or a pharmaceutically acceptable salt thereof;

10 a compound of formula III wherein R_3 is $-(CH_2)_2-CF_3$ and R_{10} is $-OH$; or a pharmaceutically acceptable salt thereof;

a compound of formula III wherein R_3 is $-(CH_2)_2-CF_3$ and R_{10} is $-CN$; or a pharmaceutically acceptable salt thereof;

a compound of formula III wherein R_3 is $-(CH_2)_2-CF_3$ and R_{10} is $-COOH$; or a pharmaceutically acceptable salt thereof;

15 a compound of formula III wherein R_3 is $-CH_3$ and R_{10} is $-OH$; or a pharmaceutically acceptable salt thereof;

a compound of formula III wherein R_3 is $-CH_3$ and R_{10} is $-CN$; or a pharmaceutically acceptable salt thereof;

20 a compound of formula III wherein R_3 is $-CH_3$ and R_{10} is $-COOH$; or a pharmaceutically acceptable salt thereof;

a compound of formula III wherein R_3 is $-CF_3$ and R_{10} is $-OH$; or a pharmaceutically acceptable salt thereof;

a compound of formula III wherein R_3 is $-CF_3$ and R_{10} is $-CN$; or a pharmaceutically acceptable salt thereof; and

25 a compound of formula III wherein R_3 is $-CF_3$ and R_{10} is $-COOH$; or a pharmaceutically acceptable salt thereof.

62. A method of treating obesity in a mammal comprising administering to said mammal a therapeutically effective amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug.

63. The method of claim 62 wherein the mammal is a female or male human.

64. A pharmaceutical composition comprising a therapeutically effective amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or

isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug; and a pharmaceutically acceptable carrier, vehicle or diluent.

65. A pharmaceutical composition for the treatment of obesity comprising an obesity treating amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug; and a pharmaceutically acceptable carrier, vehicle or diluent.

66. A pharmaceutical combination composition comprising: a therapeutically effective amount of a composition comprising:

a first compound, said first compound being a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug;

a second compound, said second compound being a β_3 agonist, a thyromimetic agent, an eating behavior modifying agent or a NPY antagonist; and a pharmaceutical carrier, vehicle or diluent.

67. The composition of claim 66 wherein the second compound is orlistat or sibutramine.

68. A method of treating obesity comprising administering to a mammal in need of such treatment

an amount of a first compound, said first compound being a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug;

a second compound, said second compound being a β_3 agonist, a thyromimetic agent, an eating behavior modifying agent or a NPY antagonist; and

wherein the amounts of the first and second compounds result in a therapeutic effect.

69. The method of claim 68 wherein the second compound is orlistat or sibutramine.

70. A kit comprising:

a) a first compound, said first compound being a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug and a pharmaceutically acceptable carrier, vehicle or diluent in a first unit dosage form;

b) a second compound, said second compound being a β_3 agonist, a thyromimetic agent, an eating behavior modifying agent or a NPY antagonist; and

a pharmaceutically acceptable carrier, vehicle or diluent in a second unit dosage form; and

c) a container for containing said first and second dosage forms; wherein the amounts of said first and second compounds result in a therapeutic effect.

5 71. A method of inducing weight loss in a mammal comprising administering to said mammal a therapeutically effective amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug.

10 72. A pharmaceutical composition for inducing weight loss comprising a weight loss-treating amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug; and a pharmaceutically acceptable carrier, vehicle or diluent.

15 73. A method of treating diabetes in a mammal comprising administering to said mammal a therapeutically effective amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug.

20 74. A pharmaceutical composition for the treatment of diabetes comprising a diabetes-treating amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug; and a pharmaceutically acceptable carrier, vehicle or diluent.

75. A pharmaceutical combination composition comprising: a therapeutically effective amount of a composition comprising:

25 a first compound, said first compound being a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug;

a second compound, said second compound being an aldose reductase inhibitor, a glycogen phosphorylase inhibitor, a sorbitol dehydrogenase inhibitor, insulin, troglitazone, sulfonylurea, glipazide, glyburide, or chlorpropamide; and

a pharmaceutical carrier, vehicle or diluent.

30 76. A pharmaceutical composition as recited in claim 75 wherein the aldose reductase inhibitor is 1-phthalazineacetic acid, 3,4-dihydro-4-oxo-3-[[5-trifluoromethyl)-2-benzothiazolyl]methyl]- or a pharmaceutically acceptable salt thereof.

77. A method of treating diabetes comprising administering to a mammal in need of such treatment

an amount of a first compound, said first compound being a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a
5 pharmaceutically acceptable salt of said compound, isomer or prodrug;

a second compound, said second compound being an aldose reductase inhibitor, a glycogen phosphorylase inhibitor, a sorbitol dehydrogenase inhibitor, insulin, troglitazone sulfonylurea, glipazide, glyburide, or chlorpropamide ; and
10 wherein the amounts of the first and second compounds result in a therapeutic effect.

78. A pharmaceutical combination composition comprising:

therapeutically effective amounts of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug; and

15 a compound selected from the group consisting of a glucocorticoid receptor agonist, a cholinomimetic drug, an anti-Parkinson's drug, an antianxiolytic drug, an antidepressant drug and an antipsychotic drug; and
a pharmaceutical carrier, vehicle or diluent.

79. The composition of claim 78 wherein the anti-Parkinson's drug is selected
20 from the group consisting of L-dopa, bromocriptine and selegiline.

80. The composition of claim 78 wherein the antianxiolytic drug is selected from the group consisting of benzodiazepine, valium and librium.

81. The composition of claim 78 wherein the antidepressant drug is selected from the group consisting of desipramine, sertraline hydrochloride and fluoxetine
25 hydrochloride.

82. The composition of claim 78 wherein the antipsychotic drug is selected from the group consisting of haloperidol and clozapine.

83. A kit comprising:

a) a first compound, said first compound being a compound of claim 1, an
30 isomer thereof, a prodrug said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug; and a pharmaceutically acceptable carrier, vehicle or diluent in a first unit dosage form;

b) a second compound, said second compound being selected from the group consisting of a glucocorticoid receptor agonist, a cholinomimetic drug, an anti-

Parkinson's drug, an antianxiolytic drug, an antidepressant drug, and an antipsychotic drug; and a pharmaceutically acceptable carrier, vehicle or diluent in a second unit dosage form; and

- 5 c) a container for containing said first and second dosage forms wherein the amounts of said first and second compounds result in a therapeutic effect.

84. The kit of claim 83 wherein the anti-Parkinson's drug is selected from the group consisting of L-dopa, bromocriptine and selegiline.

85. The kit of claim 83 wherein the antianxiolytic drug is selected from the group consisting of benzodiazepine, valium and librium.

- 10 86. The kit of claim 83 wherein the antidepressant drug is selected from the group consisting of desipramine, sertraline hydrochloride and fluoxetine hydrochloride.

87. The kit of claim 83 wherein the antipsychotic drug is selected from the group consisting of haloperidol and clozapine.

- 15 88. A method of treating anxiety in a mammal comprising administering to said mammal a therapeutically effective amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug.

- 20 89. A pharmaceutical composition for the treatment of anxiety comprising an anxiety-treating amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug; and a pharmaceutically acceptable carrier, vehicle or diluent.

- 25 90. A method of treating depression in a mammal comprising administering to said mammal a therapeutically effective amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug.

- 30 91. A pharmaceutical composition for the treatment of depression comprising a depression-treating amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug; and a pharmaceutically acceptable carrier, vehicle or diluent.

92. A method of treating neurodegeneration in a mammal comprising administering to said mammal a therapeutically effective amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug.

93. A pharmaceutical composition for the treatment of neurodegeneration comprising a neurodegeneration-treating amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug; and a pharmaceutically acceptable carrier, vehicle or diluent.

94. A method of affecting glucocorticoid receptor activity comprising administering to a mammal in need thereof a therapeutically effective amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug.

95. A method of modulating a process mediated by glucocorticoid receptor comprising administering to a mammal in need thereof a therapeutically effective amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug.

96. A method of treating a mammal requiring glucocorticoid receptor therapy comprising administering to said mammal a therapeutically effective amount of a glucocorticoid receptor modulator compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug.

97. A method of treating an inflammatory disease in a mammal comprising administering to said mammal a therapeutically effective amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug.

98. The method of claim 97 wherein the mammal is a female or male human.

99. A pharmaceutical composition for the treatment of an inflammatory disease comprising an inflammatory-treating amount of a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug; and a pharmaceutically acceptable carrier.

100. A method for the treatment of an inflammatory disease in a mammal and for reducing the undesirable side effects of said treatment which comprises: administering to said mammal therapeutically effective amounts of a glucocorticoid receptor modulator and a glucocorticoid receptor agonist.

101. A method of claim 100 wherein the inflammatory disease is selected from the group consisting of arthritis, asthma, rhinitis and immunomodulation.

102. The method of claim 100 wherein the glucocorticoid receptor modulator is a compound of claim 1, an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug.

103. The method of claim 100 wherein the glucocorticoid receptor agonist is a compound selected from the group consisting of prednisone, prednylidene, prednisolone, cortisone, dexamethasone and hydrocortisone.

104. A method of claim 102 wherein the glucocorticoid receptor modulator is a compound selected from the group consisting of:

- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-*N*-(4-pyridinylmethyl)-, [4bS-(4b α ,7 α ,8a β)];
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-*N*-(2-pyridinylmethyl)-, [4bS-(4b α ,7 α ,8a β)];
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-*N*-(3-pyridinylmethyl)-, [4bS-(4b α ,7 α ,8a β)];
- carbamic acid, [2-(dimethylamino)ethyl]-, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-2-phenanthrenyl ester, [4bS-(4b α ,7 α ,8a β)];
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-*N*-pyrazinyl-, [4bS-(4b α ,7 α ,8a β)];
- 2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-(1-propynyl)-7-(4-pyridinylmethoxy)-, [2*R*-(2 α ,4a α ,10a β)];
- 2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-2-(1-propynyl)-7-(2-pyridinylmethoxy)-, [2*R*-(2 α ,4a α ,10a β)];
- 2-phenanthrenecarbonitrile, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-(1-propynyl)-, [4bS-(4b α ,7 α ,8a β)];
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-7-(1-propynyl)-, [4bS-(4b α ,7 α ,8a β)];
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-7-propyl-, [4bS-(4b α ,7 α ,8a β)];
- 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-4b-(phenylmethyl)-7-propyl-*N*-(2-pyridinylmethyl)-, [4bS-(4b α ,7 α ,8a β)];
- 2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-(phenylmethyl)-7-(3-pyridinylmethoxy)-2-(3,3,3-trifluoropropyl)-, [2*S*-(2 α ,4a α ,10a β)];

2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-7-[(2-methyl-3-pyridinyl)methoxy]-4a-(phenylmethyl)-2-(3,3,3-trifluoropropyl)-, [2*S*-(2 α ,4 α ,10 α β)];

2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-7-(3,3,3-trifluoropropyl)-, (4b*S*,7*S*,8a*R*);

5 2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-7-methyl-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-, (4b*S*,7*R*,8a*R*);

2-phenanthrenecarboxamide, 4b,5,6,7,8,8a,9,10-octahydro-7-hydroxy-7-methyl-4b-(phenylmethyl)-*N*-3-pyridinyl-, (4b*S*,7*R*,8a*R*);

10 2-phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-7-[(2-methyl-3-pyridinyl)methoxy]-4a-(phenylmethyl)-2-(trifluoromethyl)-, (2*R*,4a*S*,10a*R*); and

2-phenanthrenecarboxamide, 4b, 5, 6, 7, 8, 8a, 9, 10-octahydro-7-hydroxy-*N*-[(2-methyl-3-pyridinyl)methyl]-4b-(phenylmethyl)-7-(trifluoromethyl)-, (4b*S*, 7*R*, 8a*R*);

or an isomer thereof, a prodrug of said compound or isomer, or a pharmaceutically acceptable salt of said compound, isomer or prodrug.

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